

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/007821

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7    B65D83/04    A61J7/02    A61J7/04		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7    B65D    A61J		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 653 668 A (GIBILISCO KENNETH J ET AL) 31 March 1987 (1987-03-31)  column 9, line 21 - column 11, line 61; figures 1-30	1-31, 47-49, 52-54
A	GB 2 265 142 A (HEYWOOD ROY VINCENT) 22 September 1993 (1993-09-22) page 5, line 21 - page 6, line 19; figure 1	32-36, 39, 43-46
A	EP 0 370 599 A (APREX CORP) 30 May 1990 (1990-05-30) column 2, line 47 - column 3, line 53; figures 1,2	32-36, 39, 43-46
<input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*8* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search  <div style="text-align: center; font-weight: bold;">15 October 2004</div>		Date of mailing of the international search report  <div style="text-align: center; font-weight: bold;">22/10/2004</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  <div style="text-align: center; font-weight: bold;">Grondin, D</div>

**FURTHER INFORMATION CONTINUED FROM PCT/SA/ 210**

Continuation of Box II.1

Rule 6.2(a) PCT

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP2004/007821

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 55-56  
because they relate to subject matter not required to be searched by this Authority, namely:  
Rule 6.2(a) PCT
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007821

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4653668	A	31-03-1987	AT 11515 T	15-02-1985
			DE 3168692 D1	14-03-1985
			DK 493281 A ,B,	11-05-1982
			EP 0051994 A1	19-05-1982
			ES 269713 Y	16-01-1984
			GR 76929 A1	04-09-1984
			IE 52643 B1	05-01-1988
			JP 1583255 C	22-10-1990
			JP 2007664 B	20-02-1990
			JP 57112869 A	14-07-1982
			PT 73931 A ,B	01-12-1981
<hr/>				
GB 2265142	A	22-09-1993	NONE	
<hr/>				
EP 0370599	A	30-05-1990	US 4939705 A	03-07-1990
			AT 112480 T	15-10-1994
			CA 1330592 C	05-07-1994
			DE 68918671 D1	10-11-1994
			DE 68918671 T2	02-02-1995
			EP 0370599 A2	30-05-1990
			JP 2164367 A	25-06-1990
<hr/>				

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**